

ABCNEWSLETTER

CURRENT EVENTS AND TRENDS IN BLOOD SERVICES

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August 12, 2022

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FDA Issues Information for Blood Establishments Regarding Monkeypox and Blood Donation

The U.S. Food and Drug Administration (FDA) published a <u>communication</u> today titled "Information for Blood Establishments Regarding the Monkeypox Virus and Blood Donation." Within the communication, the agency states that it continues to work closely with the Centers for Disease Control and Prevention (CDC) and other federal and international agencies to "monitor reports" of monkeypox. The agency confirms that at this time, "[w]orldwide, there have been no reports of transmission of monkeypox virus through blood transfusion and the risk of transfusion-transmission remains theoretical. The levels of virus in the blood of an infected or exposed individual have not been well characterized."

Considerations for blood establishments referenced by FDA include:

- "routine measures used to determine blood donor eligibility prevent individuals with symptomatic infections from donating blood;
- given the robustness of the existing safeguards for blood safety FDA does not recommend that blood establishments ask donors additional, specific questions about possible exposure to monkeypox virus;
- FDA does not recommend using laboratory diagnostic tests to screen blood donors for monkeypox virus; and
- FDA will continue to monitor cases of monkeypox in the U.S. and worldwide and the available information about potential risk of transfusion-transmitted monkeypox virus."

The U.S. Department of Health and Human Services <u>declared</u> the spread of monkey pox virus a public health emergency on August 4th. America's Blood Centers also issued a <u>news release</u> on that day reiterating the safety of the U.S. blood supply and developed talking points for member blood centers to use when communicating with the media, public, and other stakeholders which are available in MCN 22-068. Contact <u>us</u> to receive a copy.

(Sources: FDA Communication, 8/12/22; ABC News Release, 8/4/22)





HHS Announces National Public Awareness Campaign for Blood and Plasma

The U.S. Department of Health and Human Services (HHS) has launched a national public awareness campaign to address ongoing shortages of blood and plasma caused by the COVID-19 pandemic. In an agency news release, HHS Assistant Secretary for Health Admiral Rachel Levine, MD stated, "a consistent supply of blood and plasma is critical to the health of our nation. There is no replacement for human blood and plasma. We simply need more people to give and to give regularly. We also need donors from diverse ethnic and racial backgrounds." The campaign aims "to increase awareness of the importance of donating blood and plasma and to encourage Americans to create new, regular donation habits." It was called for as part of the Coronavirus Aid, Relief, and Economic Security (CARES) Act.

The campaign will have distinct assets and include earned media, paid media, social media, donated media, and partnership engagement. HHS is encouraging blood centers to share campaign fact sheets, link to the campaign's website, post social media messages, and reach out to your local TV and radio stations to alert them about the available PSAs.

Please contact ABC's Director of Strategic Communications and National Partnerships Jeff Gohringer if you have any questions or would like to discuss this further.

(Sources: HHS News Release, 8/4/22; MCN 22-067, 8/4/22)

REGULATORY NEWS

The America's Blood Centers (ABC) Newsletter previously reported that the Centers for Medicare and Medicaid Services (CMS) had issued a proposed rule titled "Clinical Laboratory Improvement Amendments of 1988 (CLIA) Fees; Histocompatibility, Personnel, and Alternative Sanctions for Certificate of Waiver Laboratories." ABC has now had a chance to further examine the rule which specifically proposes: CLIA Fee increases (20 percent across the board effective immediately after the final rule is published) to provide sustainable funding for the CLIA program; additional fees for follow-up surveys, substantiated complaint surveys, and revised certificates; a nominal increase in Certificate of Waiver fees to distribute the administrative costs of test complexity determination for waived test systems; an amendment of the histocompatibility and personnel regulations to address obsolete regulations and account for technological advances; and amending the provisions governing alternative sanctions (including civil money penalties, a directed plan of correction and onsite monitoring) for Certificate of Waiver laboratories. Comments on the rule are due by 5 p.m. EDT on August 25th. ABC signed-on to a letter on August 3rd from more than 20 organizations requesting an extension of the comment period. Please contact ABC Director of Regulatory Affairs Jill Mastin with any questions or comments.

(Sources: CMS Proposed Rule 7/28/22; Sign-on Letter, 8/3/22)

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ABC advocates for and advances policies that promote the role of independent blood centers in providing life-saving blood products and recognize the continuous need for a safe and robust blood supply. ABC exists to advocate for laws and regulations recognizing the essential role that independent blood centers play in the health care system; promote partnerships, policies and programs that increase awareness about the need for blood donation; and serve as a thought-leader in the advancement of evidence-based medical and scientific solutions related to health and safety.

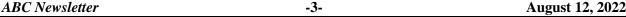
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Send news tips to newsletter@americasblood.org.





INSIDE ABC

The programs and services described in the Inside ABC section are available to ABC member blood centers and their staff only, unless otherwise specified.

ABC Partners to Attempt World Record Blood Drive

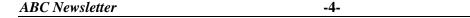
America's Blood Centers (ABC) recently <u>announced</u> a partnership with <u>Who is Hussain</u>, a global not-for-profit community service organization that is partnering with blood centers internationally and across the U.S. in an attempt to break the world record for blood donations from a single group in a 24-hour period. This event serves the dual purpose of increasing blood donations and blood donation awareness, while educating individuals about the need for blood donation worldwide from new and diverse donors. The current world record stands at 33,000 blood donations worldwide. Their global goal is to generate more than 50,000 donations on August 27, 2022 – a day they are calling #GlobalBloodHeroes Day. Some ABC member centers are already working directly with Who is Hussain on this effort as they attempt to connect prospective donors to local, participating blood centers. We are inviting all interested members to join this effort. Note that you do not need to be listed on their website to take part. Each participating blood center should confirm their donation figures via email to Official World Records, a verification body recognized by the Council of Notariats of the European Union. More information about the confirmation process is available to ABC members in MCN 22-069. Please contact ABC Director of Strategic Communications and National Partnerships Jeff Gohringer with any questions.

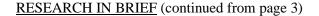
(Source: MCN 22-069, 8/9/22)

RESEARCH IN BRIEF

Remote Dispensing of Emergency Release Red Blood Cells. A study published in American Journal of Clinical Pathology focused on a "hospital system [that] has electronically connected satellite refrigerators (ECSRs) in the emergency department (ED)." According to the authors, "[t]he electronic records of the ECSRs were searched to identify emergency release (ER) red blood cell (RBC) units between January 2018 and June 2020...Data regarding RBC wastage prior to the implementation of ECSR were retrieved (2015 to 2017)...[Overall,] 935 patients received ER RBCs...A total of 2,055 RBCs were removed from ECSRs, 1,847 of which were transfused." The study noted that "[t]he untransfused units were either returned to the refrigerator (165) or discarded (43) for a wastage rate of 2 percent...Prior to ECSR, the wastage rate [was] 4.5 percent (P < .01)...Of the patients, 883 had either a specimen collected or a historic record available...[B]y Rh type, 57 (6 percent) patients received Rh-incompatible RBCs, two (both men) developed anti-D...Thirty (3.4 percent) patients had a serologic abnormality, most were Rhesus or Kell antibodies (81 percent)...Four [acute] hemolytic [transfusion] reactions (AHR) occurred, all in patients with an antibody in the current specimen and one which resulted in the death of the patient for [a] rate of 0.4 percent." The authors explained that "[o]verall communication regarding potential incompatibility occurred in 21 of the 30 cases... There were six cases in which a communication event occurred, but interdiction did not, resulting in four AHR...The cost of each device [is] \$62,276...[T]here were 15 events in which an incompatible unit was interdicted...If two of these events resulted in a clinically evident AHR and required transfer to intensive care unit (ICU) for 10 days, [this] would render this approach essentially cost neutral" They added that it is possible that ED and trauma physicians have a perception that ER RBCs is a 'safe' practice...ED and trauma physician education regarding transfusion risk may be appropriate, and a potential area of future

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research." The authors concluded that "[g]iven the frequency of anti-K, we believe a policy of storing only KEL1-negative RBCs in ED refrigerators and that the use of ECSRs in ED with a high volume of ER RBCs are useful steps to mitigate the risk" of AHR.

Citation: Whiteneck, S.A., Lueckel, S., Valente, J.H., King, K.A., Sweeney, J.D. <u>Remote Dispensing of Emergency Release Red Blood Cells</u>, *Am J Clin Pathol* 2022. ◆

Contributed by Richard Gammon, MD, Medical Director at OneBlood

WORD IN WASHINGTON

The National Heart, Lung, and Blood Institute (NHLBI) of the National Institutes of Health (NIH) and the Office of the Assistant Secretary of Health (OASH) of the Department of Health and Human Services (HHS) will host the 2022 State of the Science in Transfusion Medicine (SoS in TM) virtual symposium later this month. Registration is now open and a preliminary agenda is available for the symposium taking place August 29-30



from 10 a.m. to 3:30 p.m. EDT. According to an NHLBI announcement, the "purpose of the symposium is to identify current basic, translational, and clinical research priorities, that if addressed in the next 3-10 years, would:

- increase and diversify the volunteer blood donor pool;
- identify which blood products from which donors would best match the needs of specific recipient populations; and
- help ensure safe and effective transfusion strategies.

Six working groups have identified draft research priorities:

- 1. blood donors and the supply;
- 2. optimizing transfusion outcomes for recipients;
- 3. emerging infections;
- 4. mechanistic aspects of components and transfusion;
- 5. new methods in computational science for transfusion; and
- 6. donor and blood recipient health disparities in transfusion medicine. Representatives of each working group will present these draft research priorities for their area of focus at the meeting to obtain input from all participants."

More information is available on the symposium site.

(Source: NHLBI and OASH Announcement, 8/8/22)

MEMBER NEWS

Versiti Blood Center of Wisconsin announced this week that the Wisconsin Department of Health Services (DHS) Chronic Disease Prevention Program (CDPP) has "issued [an]Employer-Sponsored Blood Drives Grant Funding Opportunity to award grants to employers who organize blood drives." As part of the program, employers can be eligible to receive a "\$25-per-blood-donation incentive" if their organization hosts a voluntary and uncompensated employee-only blood drive in coordination with a nonprofit blood

(continued on page 5)

MEMBER NEWS (continued from page 4)

center stated the news release. Versiti President and Chief Executive Officer Chris Miskel added in the news release, "[p]artnering with businesses in our community to host blood drives is crucial to ensuring that local hospitals have blood readily available for patients in need. Versiti is proud to have worked closely with our Legislature and Governor in the state to advocate for this powerful incentive, which, at the end of the day, will help save more lives."

(Source: Versiti Blood Center of Wisconsin News Release, 8/10/22)

Kansas Governor Laura Kelly hosted a blood drive at the Statehouse last month with Community Blood Center (Kansas City). The blood drive came at a time when the blood center was experiencing shortages during the typically challenging summer months. "Life-saving blood donations are always an essential need for the community, especially in the summer months, and even more so as we are still feeling the effects of the last two years," said Patsy Shipley, vice president of Operations at Community Blood Center according to WIBW-13. "We greatly value our continued partnerships with Governor Kelly and the Kansas City Royals, and we urge the community to step up to the plate and donate blood for patients in need."

(Source: WIBW-13, Gov. to host blood drive as shortage continues to plague nation, 7/26/22)

GLOBAL NEWS

A report in The Globe and Mail stated that Canadian Blood Services (CBS) "may for the first time work with private companies that pay people in Canada for their blood plasma, as the organization looks for ways of overcoming a dearth of unpaid donations." According to the publication, "CBS said in a statement that it is in talks with potential commercial plasma-collection partners...a spokesperson for CBS, said the organization now has few options left to secure an adequate domestic supply of the proteinrich liquid, which is found in blood." Proponents for voluntary plasma donation in Canada are quoted in the article as saying, "entering into any partnership with for-profit plasma companies in Canada undermines the voluntary donor system and assigns control of our plasma supply to private companies." In 2019, CBS announced that it was opening voluntary unpaid source plasma collection facilities as part of a strategy to improve source plasma sufficiency amid increased demand for source plasma-derived products.

(Source: The Globe and Mail, Canadian Blood Services eyes getting plasma from paid donors amid supply challenges, 8/10/22) •

COMPANY NEWS

Graphite Bio, Inc. announced the dosing of the first patient in phase I/II clinical trial of the company's investigational gene therapy to treat sickle cell disease (SCD). The investigational therapy is "designed to directly correct the genetic mutation that causes SCD and definitively cure the disease," according to a news release. The company also stated in the release that the "single-dose clinical trial [will] evaluat[e] the safety, preliminary efficacy, and pharmacodynamics of [the investigational therapy] in approximately 15 patients with severe SCD. Enrollment is currently taking place at multiple sites within the U.S. "We continue to make tremendous progress with the development of [this investigational gene therapy], which in preclinical studies successfully corrected the SCD mutation, directly reducing sickle hemoglobin and restoring healthy adult hemoglobin to potentially curative levels," said Josh Lehrer, MD, chief executive officer of Graphite Bio in the news release. "We believe [it] could be a definitive cure for SCD, with the potential to address all complications associated with this life-threatening disease. We look forward to reporting initial proofof-concept data from the CEDAR trial in mid-2023."

(Source: Graphite Bio, Inc. News Release, 8/11/22) •

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CALENDAR

Note to subscribers: Submissions for a free listing in this calendar (published weekly) are welcome. Send information to newsletter@americasblood.org. (For a more detailed announcement in the weekly "Meetings" section of the newsletter, please include program information.)

2022

Aug. 29-30. NHLBI of the National Institutes of Health (NIH) and the Office of the of the Assistant Secretary of Health (OASH) of the Department of Health and Human Services (HHS) 2022 State of the Science in Transfusion Medicine Workshop (Virtual). Registration is open. More information available here.

Sept. 19-22. American Association of Tissue Banks Annual Meeting, San Antonio, Texas. More information available here.

Sept. 21-22. **28**th IPFA/ Paul-Ehrlich-Institut[e] (PEI) International Workshop on Surveillance and Screening of Blood-borne Pathogens, Porto, Portugal. Registration is open. More information available here.

Sept. 28-29. 2022 ADRP Master Class (Virtual). Registration is open.

Sept. 28-29. BEST Meeting LXIV, Cocoa Beach, Fla. More information available here.

Oct. 1-4. Association for the Advancement of Blood & Biotherapies Annual Meeting, Orlando, Fla. Registration is open. More information available here.

Nov. 15-16. The Biomedical Advanced Research and Development Authority (BARDA) Industry Day (Virtual). More details available here.

2023

Mar. 6-8. ABC Annual Meeting, Washington, D.C. More information coming soon.

May 9-11. 2023 ADRP Conference, Charlotte, N.C. More information coming soon.

Upcoming ABC Webinars – Don't Miss Out!

- **ABC Human Resources Forum** August 17th from 3-4:30 PM EDT. More information available to ABC members in MCN 22-070. Contact <u>us</u> for a copy of the MCN.
- **ABC HIPAA & Privacy in Blood Banking Webinar** September 13 from 3-4 PM EDT. More information coming soon.
- **ABC Cybersecurity Threats & Mitigation for Blood Centers Webinar** September 20 from 3-4 PM EDT. More information coming soon.

ABC Calendar of Events

ABC offers a variety of meetings, workshops and virtual opportunities for education and networking as well as participation in ABC business. The <u>calendar of events</u> includes annual and summer meetings, board meetings, workshops, and webinars, and details will be updated as confirmed. We look forward to your support and participation!

ABC Newsletter -7- August 12, 2022

We Welcome Your Letters

The ABC Newsletter welcomes letters from its readers on any blood-related topic that might be of interest to ABC members. Letters should be kept relatively short and to the point, preferably about a topic that has recently been covered in the ABC Newsletter. Letters are subject to editing for brevity and good taste and published after editorial review. Please send letters to the Editor at newsletter@americasblood.org or fax them to (202) 899-2621. Please include your correct title and organization as well as your phone number. The deadline for letters is Wednesday to make it into the next newsletter.

EQUIPMENT AVAILABLE

For Sale. New and Unused CompoMat G5 Units. The Blood Bank of Alaska has three new and unused CompoMat G5 Units for sale. These units have not been validated or used. If interested, please contact Bryan Baynard at bbaynard@bbak.org or (907) 222-5664.

CLASSIFIED ADVERTISING

Classified advertisements, including notices of positions available and wanted, are published free of charge for a maximum of three weeks per position per calendar year for ABC institutional members. There are charges for non-members: \$139 per placement for ABC Newsletter subscribers and \$279 for non-subscribers. A six (6) percent processing fee will be applied to all credit card payments. Notices ordinarily are limited to 150 words. To place an ad, e-mail: newsletter@americasblood.org

POSITIONS

Sr. Vice President, Contracting and Business Development (Blood Centers of America). Blood Centers of America (BCA) is a national cooperative comprising over 50 blood center members. BCA is seeking an individual with industry experience to serve as a Sr. Vice President, Contracting and Business Development. Candidate will be responsible for identifying and pursuing opportunities that meet the company's objectives for growth and /or savings. Position negotiates agreements with healthcare manufacturers, distributions and other suppliers that support the operations of the BCA membership. In addition, this position seeks and establishes relationships and contracts with Cell Therapy companies, CRO's, Cell Banks and Academic Researchers and Plasma companies. Candidate should have eight to 10 years of experience in business development in the healthcare products industry or progressive managerial experience in health care or blood center industry. Candidate should have an in-depth knowledge of blood center operations, and strong negotiation skills. Position requires approx. 20-30% overnight travel. Submit resume to careers@bca.coop. Click here to view the detailed job description.

Director of Quality and Regulatory Services (LIFELINE Blood Services). The Director of Quality and Regulatory Services plans, coordinates, directs, and evaluates the quality and compliance programs related to regulations, standards, and guidelines of licensing, accreditation, and certification agencies that govern blood center operations. The Director oversees the center-wide review and approval of Standard Operating Procedures. Responsible for maintaining all section Standard Operating Procedures (SOPs) to be in compliance with FDA

regulations, AABB standards, and other regulatory guidelines pertinent to LIFELINE Blood Center operations. Keeps abreast of changes to quality regulations and guidelines. Guides efforts to reduce and prevent errors, improvements in the safety and quality of our manufacturing operations, and the protection of the health and safety of our donors and employees. Manages the overall deviation management program to include investigation, root cause analysis, corrective and preventative actions and documentation. Oversees and/or performs Quality Assurance audits to evaluate the effectiveness of the total quality system. Aids in the development and implementation of audit tools used by the department as well as the review and follow up of all corrective actions. Serves as an Authorized Official in pertinent matters with the Center for Biologics Evaluation and Research (CBER) and the FDA. Oversees and/or performs reviews and approvals of validation plans and results of validation activities. Coordinates and assists in maintaining safety and risk management functions that are performed by operational and administrative departments of the blood center. Interacts with hospitals and clients on Quality Assurance related issues. Develops and monitors department budget. Performs Donor counseling as needed. Bachelor's degree or equivalent experience in medical technology or a clinical. allied health field. Please www.lifelinebloodserv.org to view the full job description and apply.

Medical Director (Gulf Coast Regional Blood Center). Reporting to the Chief Medical Officer, this individual

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POSITIONS (continued from page 7)

will assist in providing oversight of operational and implementation expertise across multiple areas of a large community blood center. Areas of responsibility include medical oversight of selection and care of donors, collection, processing, and testing of blood, and disease notification. In addition, this individual will provide guidance for The Blood Center's transfusion service activities and cellular therapy programs, as well as serving as a liaison with medical staff in the community to address transfusion concerns and assure the appropriate utilization of blood products. Requirements: Doctor of Medicine or Doctor of Osteopathy degree from an accredited university with at least four years of combined education and experience in blood banking/transfusion medicine or related field. Board certified or board-eligible in Pathology, Hematology, or related field. Specialty training and/or certification in Blood Banking, Hematology, or a similar related field is highly desirable. Eligible for medical license in the state of Texas. Applicants with additional medical or management experience in apheresis related to cellular therapy and transplant are strongly encouraged to apply. Click here to apply.

Director of Hospital Services and Manufacturing. Blood Bank of Alaska (BBAK) is seeking a director to oversee our Hospital Services and Manufacturing Department in Anchorage, AK. This position is responsible for ensuring our manufacturing and distribution areas are operating in compliance with applicable government regulations, and accrediting agency standards. Also ensuring there is a dedicated focus on the production and distribution of quality products while providing the highest level of customer service. The Director will participate as a member of the blood bank's management team in planning, program formulation, and decision making for the functions and technical support of the manufacturing and distribution of blood products. The incumbent for this role must possess excellent conceptual, communication and analytical skills. Must understand general workflow processes and equipment used in a medical facility. The right candidate will have a bachelor's degree in a relevant field (required) and five years of supervisory experience in a highly regulated, fastpaced, and compliance-driven environment (preferred). We are committed to providing our employees with the support they need. At BBAK we offer an attractive benefit package that includes: Medical, Dental, Vision, Life Insurance, Health Savings Plan, Paid Time Off, 401 K with matching and Short Term & Long-Term Disability coverage. If you meet the above qualifications, please apply by sending your resume to: mcannon@bbak.org. For more information about the Blood Bank of Alaska, please visit our website at https://www.bloodbankofalaska.org.

Sr. Medical Officer, Corporate Medical Affairs (Scottsdale, AZ). Vitalant is seeking a Senior Medical

Officer for its Corporate Medical Affairs group in Scottsdale, AZ. This physician will work closely with both the Senior Director and Vice President of Corporate Medical Affairs as well as Vitalant's Chief Medical & Scientific Officer. This critical role participates in the development of enterprise medical strategy, gives medical and operational direction to donor health staff, provides medical input on donor- and product-related processes and services, participates in Quality and Regulatory decisions, and coordinates field Medical Director activity through three directly-reporting field Senior Chief Medical Officers. Requirements: Eligibility for state licensure, board certification in Clinical Pathology, Pediatrics, or Internal Medicine, and certification in Blood Bank/Transfusion Medicine or Hematology (or eight years' experience in the field of Transfusion Medicine) are required. At least five years' practice in the field of Transfusion Medicine is necessary, and experience at a blood center that collects, tests, and distributes blood products for transfusion is preferred. Vitalant is where donors, talent and innovation meet to save and improve lives. We are the nation's largest independent, nonprofit blood services provider exclusively focused on providing lifesaving blood and comprehensive transfusion medicine services for about 900 hospitals and their patients across the U.S. At Vitalant you can expect competitive compensation, paid time off and other benefits. Click here for more information or to apply. EOE

Regional Operations Director (Baton Rouge, LA). LifeShare Blood Center is seeking an Operations Director to oversee blood collection and donor recruitment operations in the Baton Rouge, LA region. Relocation assistance available. The Operations Director will develop and implement strategic and tactical plans for donor recruitment and collections within the donor center and community-based activities; direct, develop and coach teams for achievement of established goals and KPI's; develop relationships with community leaders and groups to promote our mission and business needs; ensure operations adhere to standards and regulations governing the blood banking industry; and model LifeShare's mission and values, integrating them into daily decisions, behaviors and actions. Join us in our important mission to connect blood donors and the lives they impact! LifeShare offers a competitive salary, commensurate with experience plus incentive bonus opportunities, as well as a generous benefits package, including employer paid medical, life and disability insurance; 401k with employer contributions (6%), paid time off bank, and employee wellness program. Visit our Careers Page to apply.

Donor Testing Laboratory Director. LifeSouth Community Blood Centers and The National Blood Testing Cooperative (NBTC) are currently seeking a skilled individual for the Donor Testing Laboratory Director

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POSITIONS (continued from page 8)

position in the NBTC owned Donor Testing Laboratory in Stone Mountain, GA. This position is responsible for the strategic planning, development, organization, coordination, management, and daily oversight of all activities associated with a blood testing laboratory. This position will also ensure the laboratory performs in accordance with all regulatory requirements and will possess the oversight and responsibility of all standard operating procedures (SOPs) within the lab. Must have bachelor's degree in: chemical, physical, biological, clinical laboratory science, or medical technology. Scientific and technical knowledge from current sources, such as the AABB Standards and relevant guidances related to FDA, CLIA, and CMS, both state and federal. Minimum of four years of management/supervisory experience required; Equivalent combination of demonstrated work experience and education may be considered. Starting salary range is \$120,000 - \$132,000 annually. Please click here to apply.

QRA Supervisor (Stanford Blood Center). Responsibilities: Quality Assurance/Training/GMP/GTP/GLP: Lead the department's quality activities, initiatives, and process improvement activities. Perform training on QRA core functions and activities, Good Manufacturing Practice/Good Tissue Practice/Good Laboratory Practice, and safety. Compliance: Ensure compliance to current regulations and accreditation requirements by federal, state, county, and accreditation agencies. Team Leadership: Manage the performance of direct reports. Set team objectives, priorities, and resources to align staff with Blood Center objectives. Safety: Lead the safety, emergency, and disaster management of the organization. Quality Management System: Provide oversight on the appropriate use of the quality management tools in handling the various documents, records, and activities of the blood center. Registration and Licensure: Ensure all licenses, permits and certificates are current and regulatory requirements are met. Qualifications: Bachelor's degree required. One to two plus years supervisory experience in a regulated or GMP (Good Manufacturing Practice) required. Please click here to view the full job description and apply.